



gl coin — gold blockchain currency

www.gold.gl

gl coin introduction

gl coin :The gold blockchain currency (gl) is the gold blockchain token issued on the gold blockchain,open source gold blockchain digital currency,Apply gold technology to send and receive gl coins, Every transaction is permanently, securely, and transparently recorded on the gold blockchain. We use your existing available hard disk space store drawings earn gl coins, The gl coin map you draw is bred on the hard drive. gl coin is a space proof encryption technology, The prover proves that they have allocated unused hard disk space as storage space, In order to be a consensus method, the space proof must be associated with the time proof to ensure that the block generation time between them is consistent and improve the overall security of the blockchain.

gl coin is the project open source?

Yes! Apply blockchain technology to send and receive gl coin, Every transaction is permanently, securely, and transparently recorded on the gl coin blockchain. On the other hand, gl coin uses a new consensus algorithm called Proof of Time (POST).

What is the proof of space and time?

Proof of Space and Time (POST) is the only method used to prove that the miner or the farmer in the gold blockchain case is allocating unused hard disk space to store gold blockchain network data over a period of time. POST is an alternative method, although (POW) is a feasible proof-of-work method, But POW operation requires a lot of energy, POST can also work with low energy consumption, In fact, the energy consumption requirement is very low, and it can even be done on mobile devices in theory..

What is POB ?

The traditional PoW mechanism achieves a fair way of producing coins, combined with the PoS consensus mechanism to reduce energy consumption requirements, avoid excessive centralization of computing power, and finally form a balance between workload and capital, giants and retail investors, which safely combines work A new consensus mechanism for Proof of Quantity and Proof of Stake, which we name Proof of Balance (PoB).

Planned reward gold quantity

Gold blockchain currency production is distributed to participants through mining activities Pre-mined: 1000000 GL

Annual output : 1681920 GL

30 years output : 14245120 GL

32 GL produced in 10 minutes

3 years halving

Time and Space Proof

gl coin is a protocol token. Its blockchain runs on a new proof, called a time-space proof, in which blocks are created by miners who store data, and the gold network protocol provides data storage services.

Overview of the agreement

The gold protocol is a storage network structure built on the blockchain with native tokens. Miners use disks to store and retrieve data, earn gold coin through storage, and miners can participate in the underlying blockchain to create new blocks.

gl coin protocol verification

- (1): For each new block
 - (a) Check whether the block is in a valid format

- (b) Check whether all transactions are valid
- (c) Check whether all orders are valid
- (d) Check whether all certificates are valid
- (e) Check whether all regulations are valid
- (f) Check whether the block is a discarded block

Data integrity

This attribute requires that no one can change or forge gold coin data network nodes, We will run the gold full node user as a single user: the network.

gl coin, full node management available storage, verification, audit storage certification, and repair possible failures.

Edger

Our protocol is applied to a currency based on a ledger; for the sake of feasibility, we call it a ledger. The protocol can be implemented on any ledger. We show how to build a useful ledger based on it.

Data structure

The gl coin is part of the data stored by the client. the data can be well thought out, It is divided into many blocks, and each block can be stored by a different storage miner.